

MAN-SIZE

... bigger,
tougher,
stronger



ECONOMY **TRACTOR**

all-gear-drive



1946-1971

OUR 25th YEAR

BUILDING BIGGER,
TOUGHER, STRONGER,
LONGER-LASTING
TRACTORS

Bulletin 17C



- **Extra workpower . . .** Economy Tractors complete jobs faster, work with larger attachments, pull and push heavier loads, handle tough jobs others can't. Mow lawn up to three acres per hour, plow all-day long, move dirt, tote heavy loads . . . what extra-hard work have you?
- **All-task usefulness . . .** Quick-change equipment available to do nearly every task on your place. Efficient tools at modest cost means you can afford more kinds. And 10 years hence, newer attachments will fit the Economy Tractor you buy today.
- **Easy serviceability . . .** Any mechanic (professional or amateur) knows how to fix this type of simple, widely-used design. No heat problems, no specialized tool needs, no designed-in obsolescence. Most parts are still available for Economy Tractors that were built 20 years ago.
- **Solid, good looks . . .** Not "cute," but looks like the real work-machine it is. Neighbors will recognize as the smart choice of a quality-conscious buyer who knows sensible, functional, long-lasting design when he sees it.

Here's everything you want in a tractor

- **Longer-life construction . . .** No other compact tractor is built so strong and tough. Test-proven engines and automotive, all-gear drive-train with oversize components give you extra years of trouble-free operation. Rugged enough for every-day commercial work.
- **All-family tractor . . .** Easy to operate with light touch steering, simple automotive "stick" shift, smooth braking. Implements are easy to work properly with minimum physical effort, and hydraulic controls available. See your Economy dealer today and ask for a demonstration.
- **Day-long comfort . . .** Extra leg-room so you can stretch-out and sit in relaxed comfort . . . makes easy work of it, even for the ladies. Big easy-sitting cockpit with clear visibility of tools, plenty of room for hand-movements to operate attachments.
- **Most for your money . . .** Smallest Economy Tractors are bigger, more powerful, heavier-duty . . . yet Jim Dandy models are priced the same as other-make (smaller) rigs. Larger Power King models save up to \$800 compared to competitive units. Attachments are about 10% lower for heavier tools. Economy gives you top dollar-value.

See complete tractor specifications, page 11



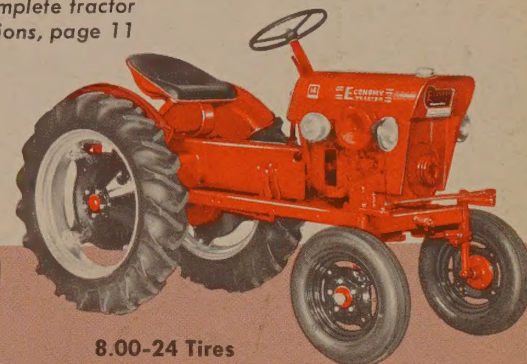
7.00-16 Tires



Terra-Tred Tires



8.00-16 Tires



8.00-24 Tires

JIM DANDY MODEL

POWER KING MODEL

Full power... no belt

All-gear drive delivers up to 50% added horsepower to wheels and tools...50% more workpower from the same hp engine

You'll be more than pleased with the prestige and unmatched power and performance of your man-size Economy Tractor. There is no other tractor in its class. Equipped with a powerful, heavy-duty engine, Economy is built for longer life with big-tractor design including oversize automotive drive-train components and automotive steering... parts that won't quickly become obsolete.

Economy is a larger tractor with bigger wheels for faster travel and easier work over rough ground. Larger tires provide superior traction, and less dig-in on lawn. Extra frame clearance allows you to cultivate taller crops and to operate bigger mowers and equipment. There's lots of leg-room and a normal sitting posture for all-day comfort.

More pull and push-power*

Economy gives you more workpower to do bigger, harder jobs. Automotive-type all-gear-drive gives positive, gear-to-gear connection from engine to wheels. This time-tested drive delivers nearly 100% of engine power to the wheels... no belt slippage, no heat-loss, no fluid drive waste of horsepower. The power is applied thru gear ratios up to 176 to 1, which gives you unmatched wheel-torque. Economy's larger dimensions, heavier frame, and metal all-gear-drive provide added weight on bigger ground-gripping tires, gets superior traction to pull and push unbelievably large loads. For extra traction in slippery footing, tires may be filled with calcium chloride solution, or wheel weights and chains added to your Economy. No tractor near its size is so powerful in terms of actual work capacity.

Bigger dollar-value, too

You get more for your money in Economy... more machine, low cost. Jim Dandy models are priced about the same or less than competitive tractors which are really smaller and of less heavy-duty construction. Larger Economy models are comparably low-priced... save about \$800 when equipped the same as the only high-wheel competitor.

More workpower at your command, more dollars in the pocket... might as well be yours! See your Economy dealer today for a demonstration.

***Don't judge by horsepower figures alone . . .** Engine ratings, by themselves, are not a good measure of tractor performance. High horsepower won't automatically give more pull-power. It's wasted unless your tractor has high-ratio gearing for extra wheel-torque, and sufficient weight for traction to pull loads without spinning the wheels. High horsepower can drive larger mowers only if tractor drive-train is efficient and doesn't sap the power.

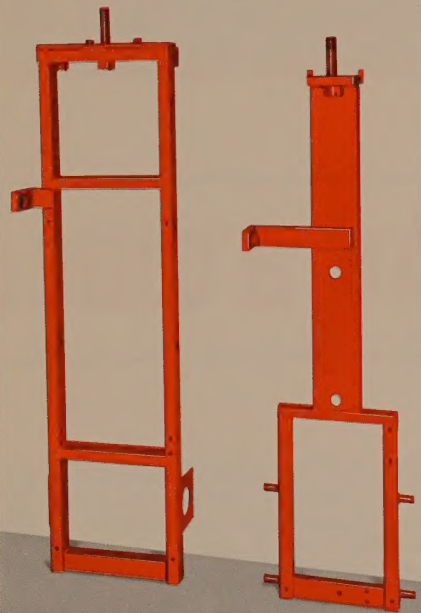


or fluid drive losses

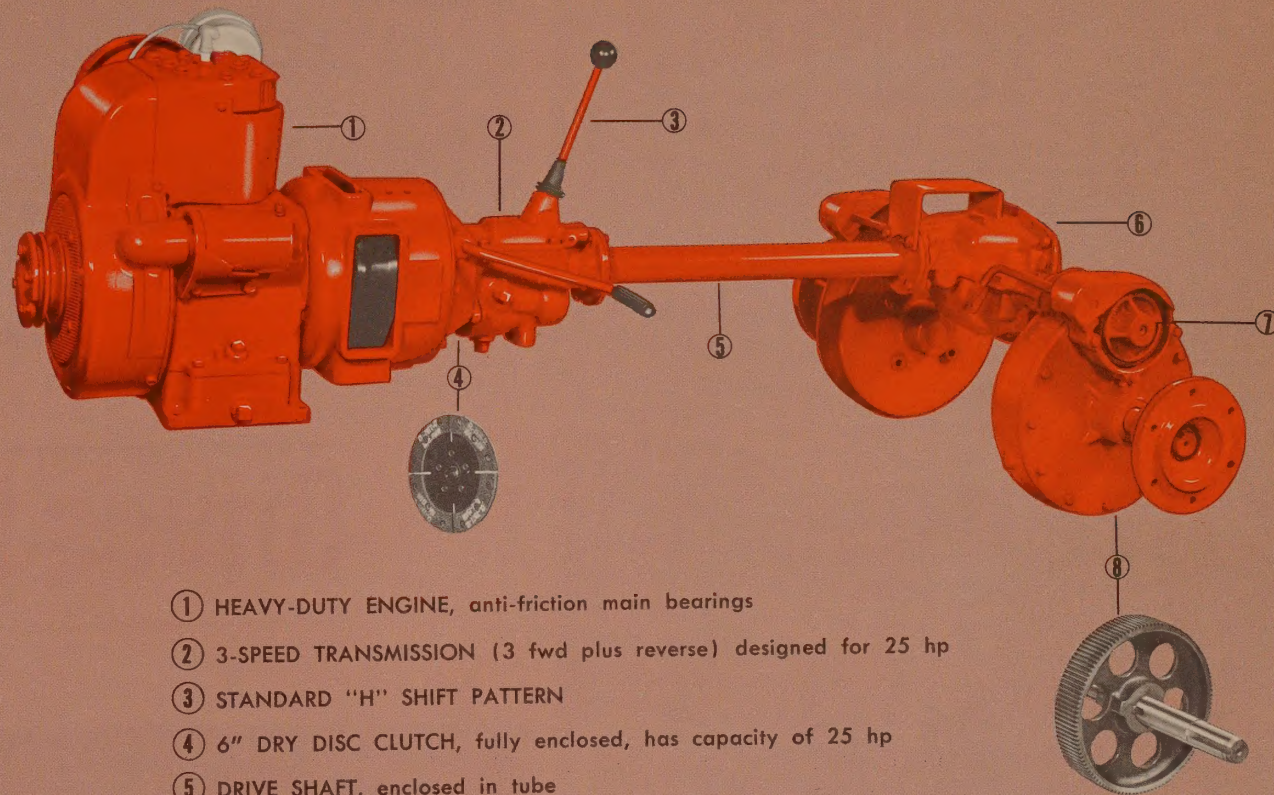
OVERSIZE AUTOMOTIVE DRIVE-TRAIN

Lawn mowing is a breeze, tough pulling and pushing is no strain at all. This simple, well-known and time-tested design has proven successful in millions of cars, trucks, buses, big tractors, etc. You know this all-gear-drive will last for many years with little attention.

HEAVY, RIGID FRAME

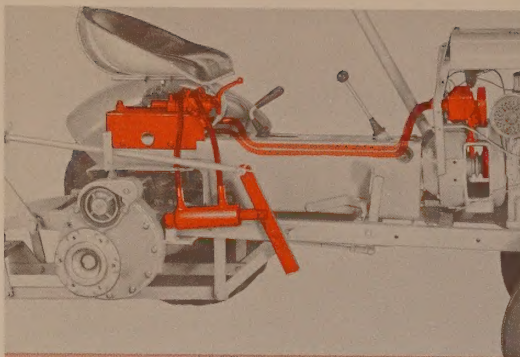


Difference between models is easily recognized. Jim Dandy has heavy, steel beam "backbone" type frame. It has shorter wheelbase and narrower width... yet has all the same heavy-duty drive-train components (different final-drive ratio) as larger Power King model. Rugged, all-welded tube-steel frame of PK shown at left.



- ① HEAVY-DUTY ENGINE, anti-friction main bearings
- ② 3-SPEED TRANSMISSION (3 fwd plus reverse) designed for 25 hp
- ③ STANDARD "H" SHIFT PATTERN
- ④ 6" DRY DISC CLUTCH, fully enclosed, has capacity of 25 hp
- ⑤ DRIVE SHAFT, enclosed in tube
- ⑥ FULL DIFFERENTIAL, rated 25 hp
- ⑦ INDIVIDUAL REAR-WHEEL BRAKES, operated by side-by-side foot pedals
- ⑧ MASSIVE FINAL-DRIVE GEARS, 80,000 lb tensile strength

LIKE A FULL-SIZE TRACTOR—BALL AND ROLLER BEARINGS THROUGHOUT

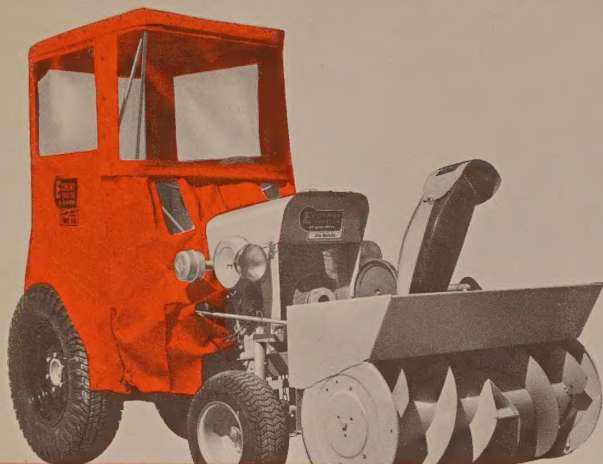


Hydraulic Lift

This power lift may be ordered instead of manual lift, and eliminates all physical effort of operating the equipment. A heavy-duty gear pump delivers 1.8 gpm @ 1000 psi @ 3600 engine rpm. Employs a double-acting cylinder 2" in diameter x 4" stroke x 1 1/8" diameter rod; non-pressurized tank is located under seat. A convenient single-spool valve gives you four positions to lift, down-press, hold and "float" the implement. Hydraulic power at your fingertips gives you the ultimate in cockpit convenience.



Drives like a car...a



Convertible Cab

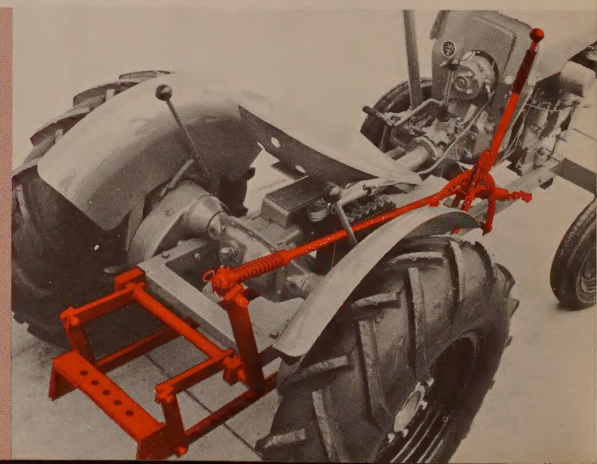
Protects against winter's coldest blasts; converts to provide shade under summer's blazing sun. Winter enclosure has doors on both sides, big plastic windows on four sides for full circle visibility.

Equipment Lift Lever

Raises and lowers front, center, side and rear-mounted tools. Consists of hand-lever and huge helper spring to counterbalance implement weight. Lever raises and lowers equipment with little physical effort, moves freely or may be locked in any position to hold tool at desired operating height.

Rear Tool Hitch

Provides a means for quick-hitching rear implements, and a low point of attachment for maximum safety of all pulling. Equipment Lift Lever operates hitch to raise and lower tools without strain.

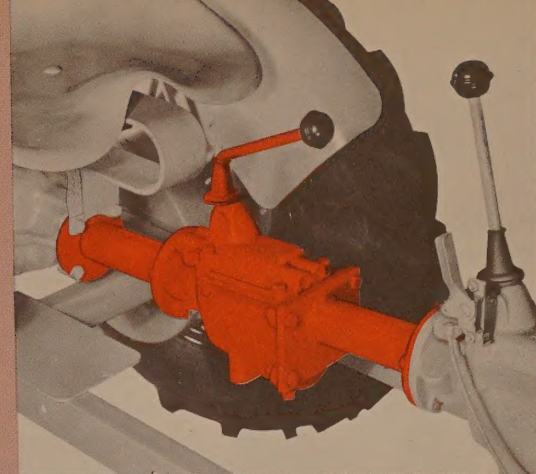


So easy, it's fun . . . The whole family will want to work it

You'll enjoy doing the really tough jobs on your place from the comfortable man-size cockpit of an Economy Tractor. Car-like controls are familiar to all . . . any man, woman, girl or boy can easily operate. Youths like its sport-car-like "stick shift" . . . frequently volunteer for chores, giving dads more free-time. A convenient, hand-operated accelerator maintains a steady pace of operation, allows you to give full attention to your work.

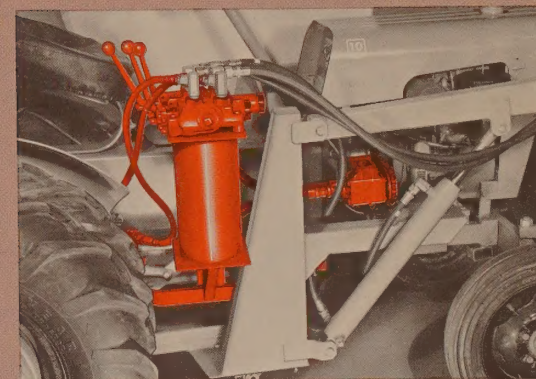
pleasure to operate

Economy's short turn-radius makes it ideal for work in small plots or close quarters. Steering with precision automotive steering-gear is positive and responsive to light touch on the wheel. Tractor slows down quickly when the accelerator is closed. Rear wheel brakes are controlled by side-by-side twin pedals. One foot operates both pedals for stopping and holding. Touching a single pedal activates each wheel brake individually, lets you "hold" one wheel and turn while pulling a heavy load, or spin-turn sharply in tight places. Implements are easy to work with convenient controls, and raised and lowered by the Equipment Lift Lever or Hydraulic Lift.



Tandem Transmission

An optional (identical) twin transmission installed in the drive-train behind the regular transmission. Gives you 6 forward speeds (plus 3 reverse) ranging from regular top speed down to 0.6 mph (PK) and 0.9 mph (JD) at full throttle. Provides slow travel speed for full-depth cut while working with high rpm on the rotary tiller and snow-blow. Also adds flexibility and maintains hydraulic pressure with front-end loader. Not available (and not required) with optional 12.25:1 differential on Jim Dandy model.



Heavy-duty Hydraulic System

This high-pressure system is a part of the Front-end Loader unit. A heavy-duty gear pump delivers $7\frac{1}{2}$ gpm @ 1000 psi @ 3600 engine rpm. Big 6-qt frame-mounted tank for oil and oil-cooling. Atop tank, 3-lever valve gives you precise double-acting control of loader lift and dump. Lever positions for "up," "down," "hold" and "float," the same as on full-size tractors. Second lever controls tilt and dump of the bucket. Third lever controls hydraulic equipment lift to operate other implements; lift includes same cylinder and linkage as separate hydraulic lift. Hydraulic system and equipment lift operable with loader removed from tractor.

(See Front-end Loader, page 9)

Attachments

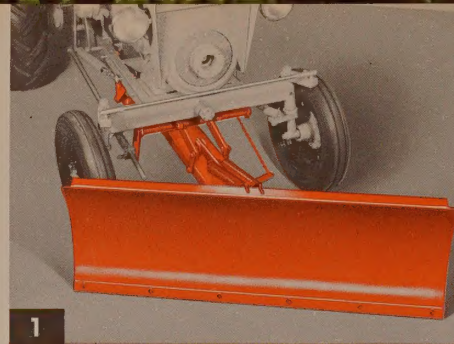
to do all your jobs . . . faster!

Man-size Economy Tractor with greater power and more under-frame clearance handles really worthwhile, bigger-size tools. Attachments are offered to speed nearly every job on your place. Many implements can be hitched or removed in less than a minute with quick-change pins and hand pull-out keys. Designed-in operating ease saves sweat and strain. You complete tasks quickly, get more work done in a short time. See these quality-built tools at your Economy dealer.

36", 48" and 60" Rotary Mowers

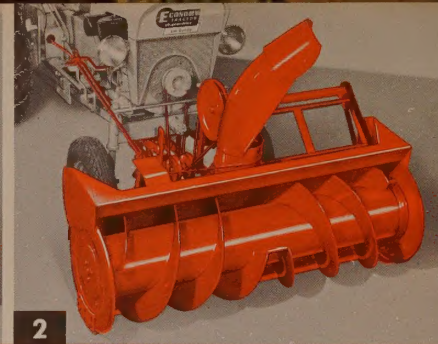
Give your lawn a lasting, smooth-cropped look. Cut grass, weeds and light brush with powerful center-mounted Rotary Mower. Contour-cutting unit mows beyond rear wheels for easy trimming along walks, fences, and around trees. Raises to cut over low obstructions.

Cutting height is adjustable to cut grass off cleanly at height of $2\frac{1}{4}$ " and up. Three grass-lift blades in anti-friction bearings are driven from front PTO. Unit is hinged-mounted at front and rides on full-width roller at rear to eliminate scalping. Foot-operated clutch stops blades for passing over driveways and obstructions; can be locked in de-clutch position. Guards cover outboard belts and spindles on 48" and 60" units. Manual or hydraulic lift raises and lowers the deck.



1 18" x 48" Bulldozer-Snowplow

Push large quantities of loose materials easily . . . backfill, grade, clear land, remove snow. Blade angle is controlled from the driver's seat, five positions left, right and straight across. Manual or hydraulic lift provides non-stop height adjustment for work in rough or rocky soil and when piling snow. No jarring knocks if obstruction is hit . . . blade trips against twin heavy springs, returns to work. Spring-trip can also be locked out. Reinforced blade has renewable cutting edge. A 16" x 40" blade of the same design is also available for Jim Dandy models.



3 Grader Blade

Valuable tool for finish landscaping, smoothing and leveling topsoil, sand, gravel and other loose materials. 8" x 54" blade has 5 positions, angles left, right, or straight across; covers full tractor width. Has renewable cutting edge. Raises and lowers on Rear Tool Hitch.

2 36" and 48" Snow Blow

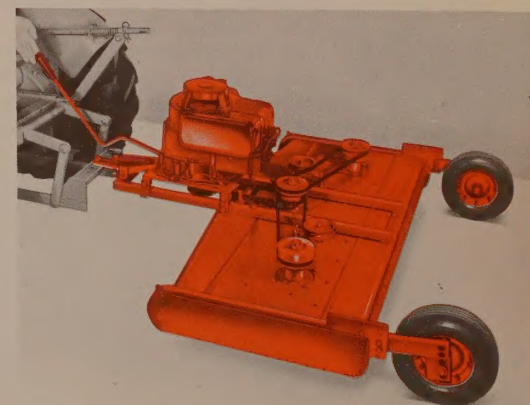
Clear 16" deep snow in one pass, throw snow 20 feet and eliminate windrows that encourage drifting. Directional control of spout from driver's seat to work downwind, throw snow farther. 16" dia. auger on 1" shaft turns at 720 rpm, has 2½:1 chain-drive reduction and is powered by belt from front PTO. Has foot-operated

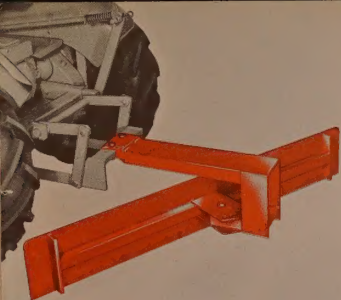
4 32" Lawn Spiker

For aeration and conditioning of soil, for fast penetration of fertilizer and chemicals, and before reseeding, use this 16 disc, spiker-type cultivator. Bevel teeth on discs are reversible for smooth or rough spiking. Cultivates full 32" width, with depth variable by the addition of weight on the platform. Frame, weight plat-

48" Tow-type Rotary Mower

This self-powered rotary mover gives you efficient cutting of grass, weeds and light brush, plus instant interchangeability on an Economy Tractor or other towing unit. Cutting height is adjustable 2" to 5" by raising and lowering hitch and by adjustment of height of 10" dia. wheels. Three grass-lift blades on anti-friction bearings are belt-driven by a 7 hp Briggs & Stratton, vertical shaft engine. A lever in easy reach of tractor driver, de-clutches engine from cutting unit for mower protection and easy starting.





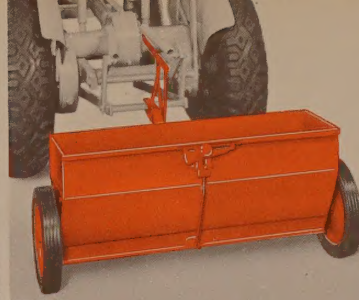
3



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7

form and tow bar are heavy-gauge welded steel for strength and rigidity. Pulls easily on roller bearings. Attaches to rear tool hitch.

5 400 lb Roller

Lawns and new seedbeds are smoother, develop faster with soil firmly compressed to give roots contact with available moisture... grow heavier root structure, give greater drought resistance. This 32"-wide roller weighs 400 lbs. when filled with water, and 125 lbs. empty. Heavy gauge welded steel tank and tow-bar unit has scraper bar to keep rolling surface clean. Roller bearings make towing easy. Attaches to rear tool hitch.

6 36" Seeder-fertilizer

For smooth, thick turf, plant and nourish your lawn with precise applications of lawn seeds,

fertilizer, and weed killer. Full-width, even coverage... economically spreads all grass seeds, fertilizers and chemicals. Start and shut-off are controlled by lever on front of unit. 100 lb capacity. Has precise rate-of-flow control and big wheels with wide tires. Suitable for limited use as field spreader. Attaches quickly to rear tool hitch.

7 Weed and Insect Spraying Unit

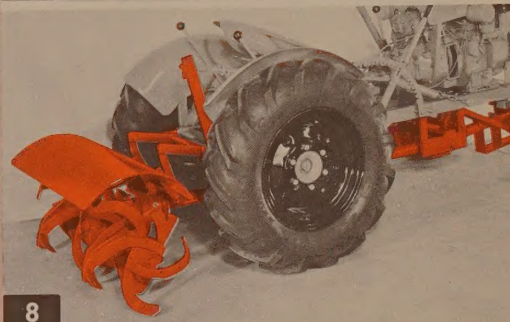
For unblemished looking lawn, kill weeds and insects with tractor-mounted sprayer. Apply fertilizer; spray small trees, shrubs and bushes. Handles liquid or water-soluble chemicals and wettable powders... consists of pump, 42" boom, pressure gauge, suction strainer, shut-off and relief valves, 3 boom nozzles, tree-spray nozzle, hose and 15 gallon tank, 100 lb. pump sprays up to 16.2 gph thru 3 boom nozzles; replaces hand tree-spraying.

8 32" Tiller

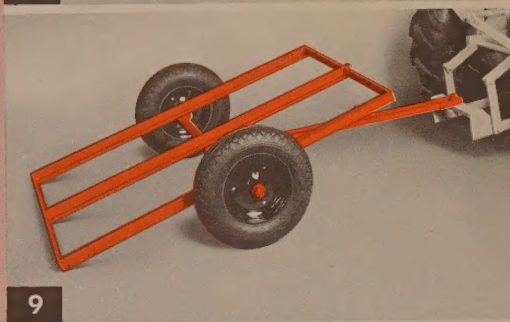
Powerful rotary unit for light tilling and cultivating. Outboard tine units removable for narrower cut and easier deep penetration. Tills average 4 1/2" deep. Takes power from front of engine, is raised, lowered, and clutched from the tractor seat. Foot-operated slipbelt clutch. Drives thru universal joint and shaft to oil-immersed worm reduction gear with roller bearings. 14" bolo tine units fit precisely on 7/8" hex shaft... no nuts and bolts on the shaft to foul with trash. Requires tandem transmission, rear tool hitch and equipment lift.

9 Dump Trailer

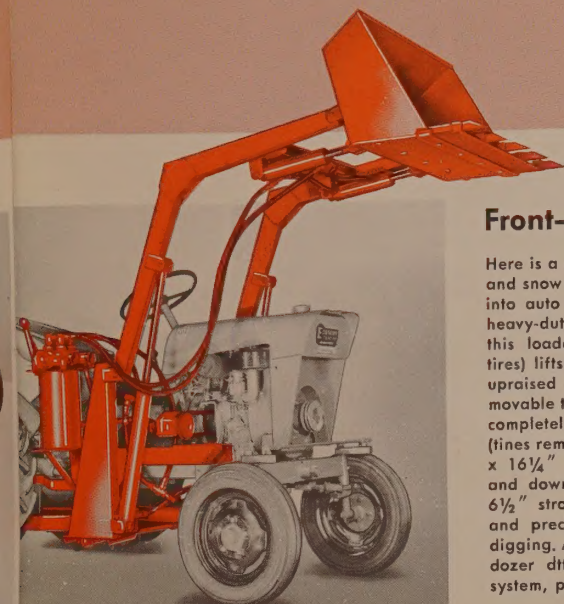
Inexpensive field or road trailer for those who wish to make their own bed. Consists of steel bed frame with tongue, and 16" OD 4.00-8 wheels on anti-friction bearings. Capacity 500 pounds. Bed frame 38" wide by 48". Excellent for hauling implements, fertilizer, building and other materials.



8



9



Front-end Loader

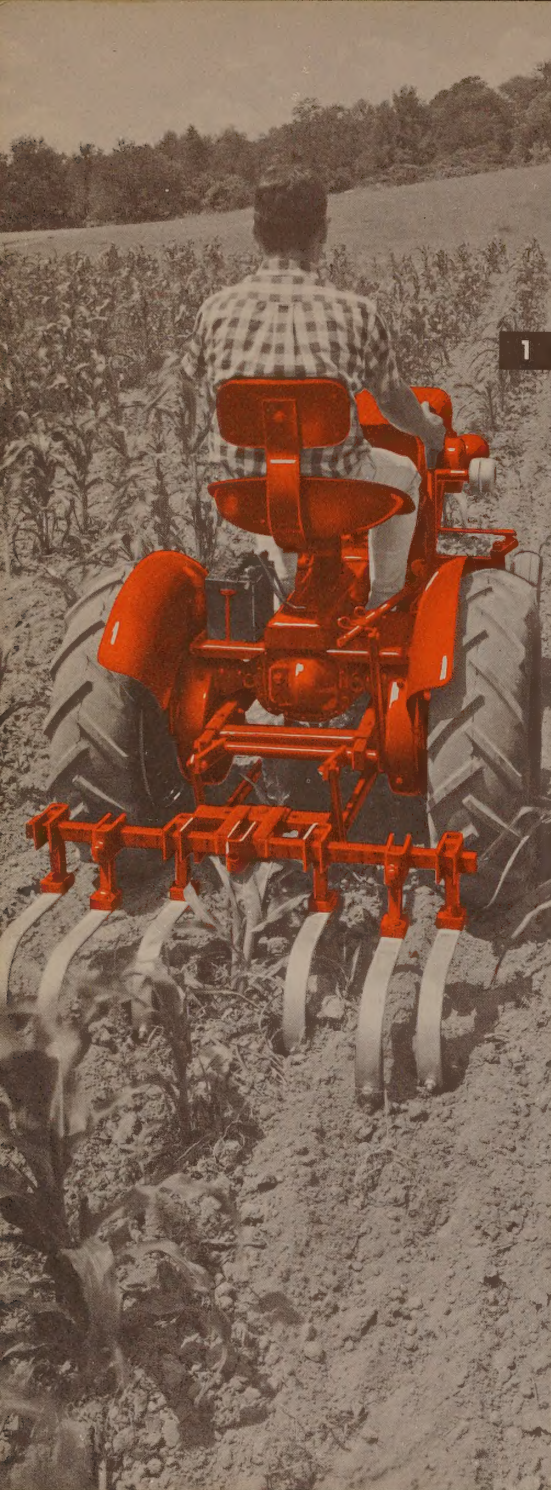
Here is a machine for light earthwork, clean-up and snow removal; for tight places and loading into auto trailers and low trucks. Powered by heavy-duty hydraulic system (described page 7), this loader for Power King models (8.00-16 tires) lifts 500 lbs. to 65" high, under tips of upraised arms. 32"-wide bucket with five removable tines has 2 3/4 cu. ft. capacity. Dumping completely at full lift, lip of bucket clears 51" (tines removed). Two hydraulic cylinders 2" dia. x 16 1/4" stroke x 1 1/8" dia. rod, provide lift and down-pressure. Twin cylinders, 2" dia. x 6 1/2" stroke, afford smooth dump plus power and precise control of bucket lip for easier digging. Also 48" snow bucket and 48" angling dozer attachment. See heavy-duty hydraulic system, page 7.



Moldboard Plow

Economy Tractor plows clean and deep in heavy soil with plenty of speed to turn over ground completely and fast. Heavy-duty plow cuts 6" to 8" deep, and 10" wide, has extra long mouldboard and readily turns sod upside down. With higher horsepower (optional) engines, you can plow in 2nd or high gear, and double the amount of work done. Depth adjustment on beam assures smooth, easy plowing in various soils. Single bolt attaches to rear tool hitch.

TURN PAGE FOR MORE FARM
AND GARDEN IMPLEMENTS



1 Rear Cultivator and Spring Harrow

For cultivating or breaking ground, this 6-shank unit attaches to rear tool hitch with one pin. Rugged 44" cross-frame has heavy-duty clamps, spring shanks, and shovels. Clamps are adjustable left and right, shanks adjustable up and down to suit your job. Cultivator frame also mounts furrower and hilling discs. 32"-wide frame optional.

2 Disc Hiller

Two concave 12" discs, angle-mounted in roller bearings on square shanks. Mount in clamps on cultivator frame which is required.

3 16" Disc Harrow

Eight 16" heat-treated disc blades in two gangs of four each. Has tapered roller bearings, dust caps, and grease seals. Discs may be set to throw soil in or out, may be adjusted parallel for towing. Optional add-on weight box 15" x 41" x 4" deep, holds dirt, sand or stones (110 to 160 lb.) — gives terrific breaking and digging power.

4 Straddle-row Cultivator

Center-mounted cultivator for Power King model with 24" rear wheels, provides excellent visibility of work. Under-slung frame with 6 heavy-duty shovels on spring shanks. Shanks adjustable left and right. Gives full 19" plant clearance, cultivates a half to one acre per hour.

5 Corn and Bean Planter

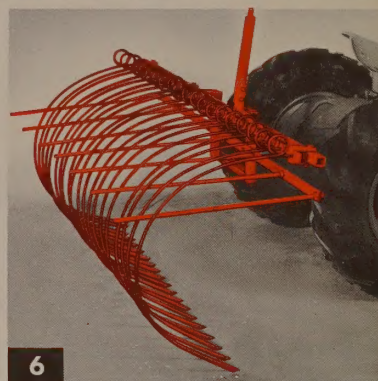
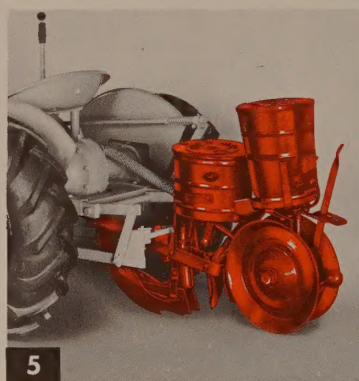
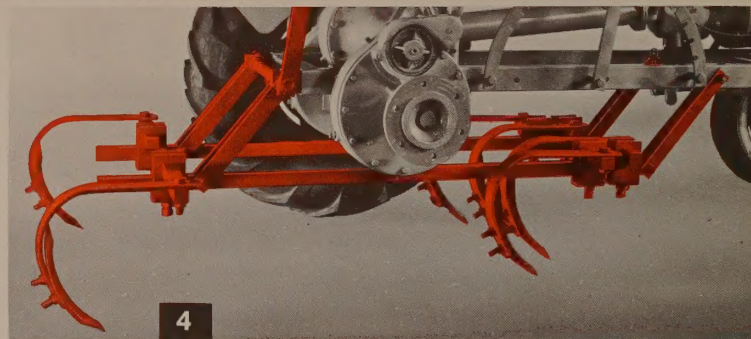
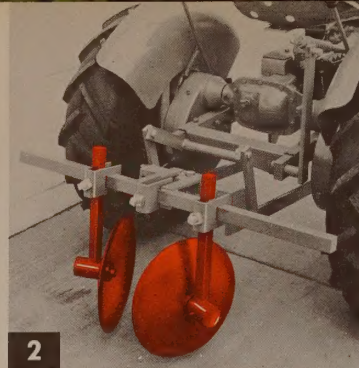
Has highest grade sword opener and fertilizer attachment. Plants corn, beans, peas, peanuts, cantaloupe, watermelon, cucumbers, beets, sorghum, sudan grass, milo, maize, rape, okra, and most seeds above turnip seed size. Four seed plates and gears furnished to plant four kinds of seeds at four different distances. Adjustable depth of planting. Spreads fertilizer 25 to 400 pounds per acre, in the furrow behind the seed.

6 6' Hay Rake

Light in weight and easy to handle in low gear. Has independent hand lift, may be operated at the same time as the sickle mower. Unit is 6 feet wide, has 20 heat-treated spring teeth. Horizontal steel bars attached to frame facilitate quick "dumping" of raked hay.

7 4½' Sickle Mower

Cut hay, grass and weeds of all heights readily down to 2¼" with this sickle bar for Power King models. Trim easily along fences, cut while lifting over low obstructions or down hill. Mow up to 4 mph. Grassboard and bar turn cuttings back to make next pass clean and easy. Driven by front PTO, has slip-belt clutch, anti-friction bearings. 3-inch knife sections and heavy-duty stone guards same as large, farm mowers. Mower may be left on tractor in vertical position while rear attachments are in use.



Tractor Specifications

	JIM DANDY	POWER KING
Dimensions		
Length, overall	75"	81"
Wheelbase	52 $\frac{13}{16}$ "	55"
Width, overall	36 $\frac{1}{2}$ "	43 $\frac{1}{2}$ "
Tread, rear (c to c of tires).....	28 $\frac{1}{2}$ "	35 $\frac{1}{2}$ "
Tread, front (c to c of tires).....	29"	36 $\frac{1}{2}$ "
Tread adjustment, rear	+ 4 $\frac{1}{2}$ "	+ 4 $\frac{1}{2}$ "
Tread adjustment, front	0	+ 2 $\frac{1}{4}$ "
Height at hood	39"	41"
Height, overall	47"	50"
Frame clearance (under tractor)...	13 $\frac{1}{2}$ "	16"

Weight

Deluxe model, bare tractor.....	690 lb	820 lb
Calcium chloride, rear tires, adds	202 lb	280 lb
Calcium chloride, front tires, adds	34 lb	38 lb

Tires

Rear, standard, high lug, 2-ply....	7.00-16(29"OD)	8.00-16(31.7"OD)
optional, high lug, 4-ply....		8.00-24(38.5"OD)
optional, terra-tred, 2-ply....	8.00-16(30.5"OD)	8.00-16(30.5"OD)
Front, standard, 2-ply.....	4.00-8(16"OD)	4.00-12(20"OD)
optional, terra-tred, 2-ply....	6.50-8(16"OD)	
Air pressure, rear	6 lb	6 lb
front.....	35 lb	35 lb

Gear Reduction, Engine to Wheels

Low and reverse gear.....	103.7:1* **	176.5:1*
Second gear	55.8:1* **	92.3:1*
High gear	31.5:1* **	53.6:1*

*Optional tandem transmission: Multiply by 3.29

**Optional 12.25:1 differential: Multiply by 2.37

Drawbar Pull, Low Gear*

Standard 5.17:1 differential	1633 lb	2491 lb
Standard 5.17:1 differential and tandem transmission	5379 lb	8205 lb
Optional 12.25:1 differential	3870 lb	

*Calculated, before deducting friction loss and wheel slip.

Speeds

	7.00-16:	8.00-16:	8.00-16:	8.00-24:
Low and reverse gear, mph....	3.00(1.27)	3.15(1.33)	1.90	2.31
Second gear, mph	5.56(2.35)	5.85(2.47)	3.67	4.46
High gear, mph	9.95(4.20)	10.46(4.41)	6.33	7.69
() Optional 12.25:1 differential				

Engine: Kohler Model K321. 14 hp at 3600 rpm. 23.8 lb-ft torque at 2200 rpm. 3 $\frac{1}{2}$ " bore x 3 $\frac{3}{4}$ " stroke, 31.27 cu in. displacement. Dynamic balance system. 4-cycle, air-cooled, splash lubrication, fuel pump, flyweight type governor, ball bearings, both ends of crankshaft. Stellite valves, positive rotators. Magneto and solid state ignition, all-weather spark plug protection. Automatic compression release on starting. Weight 116 lbs.

Electric System: Compact 12-volt starting motor with Bendix type drive, geared to engine flywheel. Off-on key ignition, push-button starter switch, mount for "Spinet" size 32 amp-hr battery 7 $\frac{3}{4}$ " x 5 $\frac{1}{4}$ " x 7 $\frac{7}{16}$ " high. 12-volt battery current supplied by flywheel-mounted alternator and solid state rectifier-regulator. Headlights controlled by push-pull switch.

Clutch: Automotive type manufactured by Borg-Warner. 6" single dry disc with ball-bearing throw-out. Foot operated. Designed for 25 hp automotive application, has 35 lb-ft torque rating.

Transmission: Also built by Borg-Warner. Automotive type with three speeds forward, one reverse. "H" shift pattern. Designed for 25 hp automotive application, has 50 lb-ft torque rating. Reduction: Low and reverse, 3.294:1; second 1.722:1; high, 1.000:1.

Drive Shaft: "Fatigue-Proof" high-strength steel, enclosed in tubular housing. Spline coupled to transmission and to bevel pinion in differential.

Optional Tandem Transmission: An exact duplicate of transmission above, spline-coupled and replaces standard drive shaft and drive tube. Total engine-to-wheels reduction with both transmissions in low: JD, 341.6:1; PK, 581.4:1. Speeds: Divide regular speeds by 3.3, 1.7 and 1. Tandem transmission is not available in combination with optional 12.25:1 differential in JD (differential provides similar reductions).

Differential: Automotive ring gear and pinion type with two bevel gear idler pinions and two bevel side gears broached for full-floating drive axle. Roller bearings. Manufactured by Dana-Spicer. Torque capacity, 130 lb-ft. Reduction ratio 5.17:1; or 12.25:1 is optional in JD model.

Final Drive: Dual spur pinion gears 2" wide on drive axle. No weight on drive axle. Huge spur bull gears keyed to 1 $\frac{1}{2}$ " dia. wheel axles. Roller bearings throughout; runs in oil. Reduction: Jim Dandy models 6.090:1; Power King models 10.364:1.

Front Wheels: Massive spindles with $\frac{3}{4}$ " dia. axles of steel having 125,000 lb tensile strength. Two large roller bearings each wheel, plus grease seal and hub cap. Jim Dandy model: One piece disc and rim with integral hub; Power King model: Disc and rim on separate hub.

Rear Wheels: One-piece and drop-center rim with separate hub. Discs reversible to add 4 $\frac{1}{2}$ " to tread. Optional 24" wheel on PK models has separate rim, disc, and hub; tread adjustable in 2" increments to 45 $\frac{1}{2}$ "; overall tractor width adjustable to 52 $\frac{1}{2}$ ".

Steering: Automotive worm-gear type manufactured by Ross. 12:1 reduction, 15" steering wheel. Roller and ball bearings, forged arm and heavy-duty link. Front-end weight is on roller bearings, minimizes steering effort.

Brakes: All models have foot-operated brakes with two side-by-side pedals that can be operated together, or individually for left or right wheel brakes for turning with load and for tight turns. Alloy steel band with automotive lining operates on individual drum for each wheel. Brake drums are outboard on drive axles, ahead of final reduction, for easier braking. High gear reduction also brings tractor to a stop when throttle is closed. Parking brake lever holds both brakes in engaged position.

Frame: Welded construction. Jim Dandy models with structural steel beam "backbone" and rectangular tubing; Power King models with rectangular frame of 1 $\frac{1}{2}$ " x 2 $\frac{1}{4}$ " steel tubing. Front wheel support bar 1" x 3" solid steel; pivots on 1 $\frac{1}{4}$ " dia. heat-treated pivot stud and two roller bearings.

Seat: All models have deluxe padded seat with one-piece simulated leather cover. Backrest with spring steel upright and padded back cushion is optional.

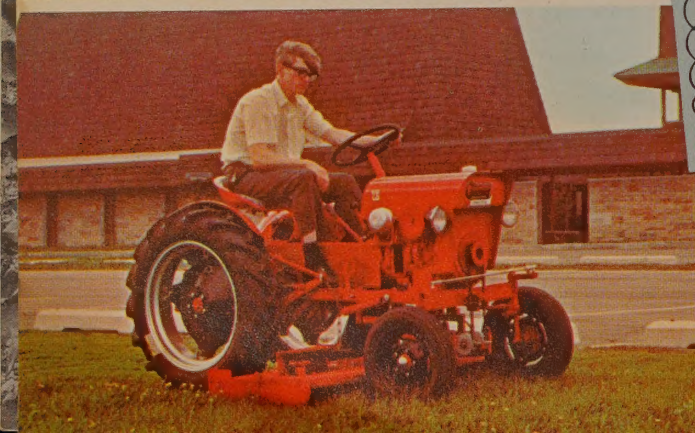
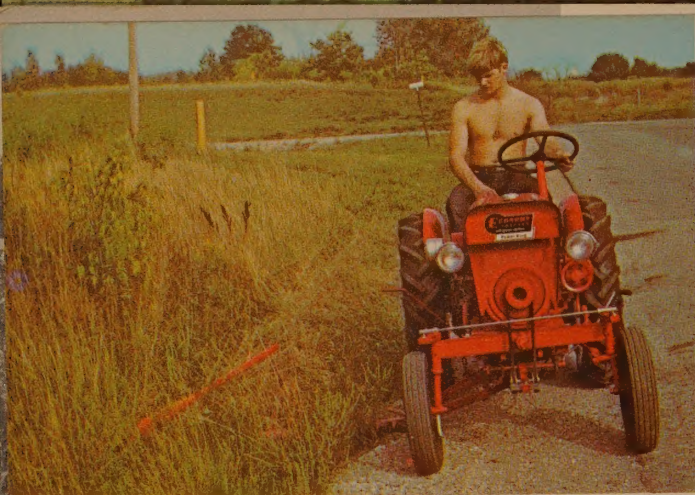
Fenders and Body: Reinforced heavy gauge sheet steel.

Power Takeoff: Two PTO's are standard equipment. Sheave on front of engine drives mower, tiller, snow blow and other equipment. Three groove pulley behind engine drives sprayer, hydraulic system and other equipment.

Lubrication: All gears run in bath of oil. Transmission, differential, and (two) final drives have separate oil cases. Pressure grease fittings on spindles, front wheels, steering linkage, front-wheel support bar pivot, etc. Engine lube oil not mixed with fuel.

Capacities: Fuel tank, 12 qts; crankcase 5 pts; transmission, 1 $\frac{1}{2}$ pts; differential, 3 pts; final drives (each): JD 1 $\frac{1}{2}$ pts, PK 3 pts.

Engineering Products Co. reserves the right to make improvements and change product specifications without notice.



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Economy tractor's long-life construction and big-machine capabilities reduce initial investment and long-term overall cost of handling many "middle-size" jobs. For acreage mowing plus a wide range of other chores, these all-gear tractors out-pull, out-mow, and outlast several so-called "garden" tractors. Every tractor shipped from Economy's factory is the finest product possible, including latest design features regardless of time-of-year. There really are no "year" models... always the best whenever you buy Economy.

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For six months from purchase date, we will replace for the original purchaser, free of charge, any part or parts found upon examination at our factory to be defective under normal use and service on account of defects in material or workmanship. All transportation charges on parts submitted for replacement under this warranty must be borne by purchaser. This warranty does not cover engines, tires, batteries, or electric starter components used on our equipment as these are covered in a warranty by the manufacturer of these items through their regular distributor and service organization.

This warranty shall not be effective if our equipment has been subjected to misuse or has been altered outside our factory in any respect which affects its operation.

ENGINEERING PRODUCTS COMPANY

ECONOMY TRACTOR

ENGINEERING PRODUCTS CO.

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